PTO-1390 (Rev. 07-2005)
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TRANSMITTAL LETTER TO THE UNITED STATES ATTORNEY'S DOCKET NUMBER BOUL 3506						
	DESIGNATED/ELECTED OFFICE (DO/EO/US)	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)				
	TIONAL APPLICATION NO. INTERNATIONAL FILING DATE	NOT YET ASSIGNED PRIORITY DATE CLAIMED				
	28 October, 2004	28 October, 2003				
TITLE OF INVENTION COMPOSITE BIOMATERIALS COMPRISING CALCIUM PHOSPHATE MATERIALS, COLLAGEN AND GLYCOSAMINOGLYCANS						
	NT(S) FOR DO/EO/US					
LYNN, Andrew; CAMERON, Ruth; BEST, Serena; BONFIELD, William Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:						
This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.						
2.	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.					
	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.					
4.	The US has been elected (Article 31).					
5. V	A copy of the International Application as filed (35 U.S.C. 371(c)(2))					
	a. is attached hereto (required only if not communicated by the Internation	onal Bureau).				
	b. has been communicated by the International Bureau.					
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).					
6.	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).					
	a. Lis attached hereto.					
	b. has been previously submitted under 35 U.S.C. 154(d)(4).					
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))					
	a. are attached hereto (required only if not communicated by the International Bureau).					
	b. have been communicated by the International Bureau.					
	c. have not been made; however, the time limit for making such amendments has NOT expired.					
_	d. Have not been made and will not be made.					
8.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).					
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).					
10.	An English language translation of the annexes of the International Preliminary Article 36 (35 U.S.C. 371(c)(5)).	Examination Report under PCT				
Items	11 to 20 below concern document(s) or information included:					
11.	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.					
12.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.					
13.	A preliminary amendment.					
14.	An Application Data Sheet under 37 CFR 1.76.					
15.	A substitute specification.					
16.	A power of attorney and/or change of address letter.					
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.					
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).					
19.	A second copy of the English language translation of the international application	on under 35 U.S.C. 154(d)(4).				

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Page 1 of 3 Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER		KET NUMBER				
NOT YET ASSIGNED	PCT/GB2004/004550		BOUL 3506				
20. Other items or information:							
The following fees have been submitted	CALCULATIONS	PTO USE ONLY					
21. Basic national fee (37 CFR 1.492(a))	\$						
22. Examination fee (37 CFR 1.492(c))							
If the written opinion prepared by ISA/US or the internation by IPEA/US indicates all claims satisfy provisional All other situations	\$						
23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International IPEA/US indicates all claims satisfy provisions Search fee (37 CFR 1.445(a)(2)) has been paid on the International Searching Authority International Search Report prepared by an ISA other previously communicated to the US by the IB All other situations	\$						
TOTAL OF 21, 22 and 23 =			\$1000.00				
Additional fee for specification and drawings filed sequence listing in compliance with 37 CFR 1. electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of							
	ditional 50 or fraction RATE to a whole number)						
- 100 = /50 =		× \$250	\$	1			
Surcharge of \$130.00 for furnishing any of the search after the date of commencement of the national stage	\$						
CLAIMS NUMBER FILED	NUMBER EXTRA	RATE	\$				
Total claims 30 - 20 =	10	x \$ 50	\$ 500.00				
Independent claims 6 - 3 =	3	× \$200	\$ 600.00				
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360	\$				
	\$ 2100.00						
Applicant claims small entity status. See 37 CFR							
	\$						
Processing fee of \$130.00 for furnishing the English traclaimed priority date (37 CFR 1.492(i)).	\$	•					
***	\$						
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +							
	\$ 2100.00						
	Amount to be refunded:	\$					
	Amount to be charged	\$					

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а. 🔲	A check in the amount of \$ to	cover the above fees is enclosed.			
b. 🔽	Please charge my Deposit Account No. 19-1345 in the A duplicate copy of this sheet is enclosed.	e amount of \$ 2100.00 to cover the above fees.			
c. 🔽	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-1345. A duplicate copy of this sheet is enclosed.				
d. 🔲	Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.				
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
and granted to restore the international Application to pending status.					
SEND A	LL CORRESPONDENCE TO:				
		SIGNATURE			
	. J. Fleischut	Paul I. J. Fleischut			
Senniger Powers One Metropolitan Square 16th Floor		NAME			
		35513 REGISTRATION NUMBER			
St. Louis, Missouri 63102		REGISTRATION NUMBER			
(314) 231-5400					